

CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Reward[®]

Cotton Growth Regulant

ACTIVE CONSTITUENT: **38 g/L MEPIQUAT**

present as the CHLORIDE SALT

For the control of excessive vegetative growth in cotton



ADAMA

Formulation type
Soluble
Concentrate **SL**

adama.com

CONTENTS: 5 L, 20 L, 200 L, 1000 L

DIRECTIONS FOR USE (Qld, NSW only)

RESTRAINTS

DO NOT apply to crops that have restricted growth due to drought stress, waterlogging, nutrient deficiency, poor soil structure or any other cause as this can result in yield decreases.

DO NOT apply if adequate insect and mite pest control and supply of water and nutrients later in the crop is in doubt, or if "stressing" is a normal management practice. If severe drought conditions occur after REWARD[®] application, REWARD[®] results can be unsatisfactory and/or yield decreases can occur.

DO NOT apply REWARD[®] if rainfall is expected within 8 hours of application as effectiveness of REWARD[®] may be reduced.

DO NOT use on new varieties not available commercially in Australia.

DO NOT apply to cotton less than 50 cm high when using high rate single spray.

DO NOT mix this product with a phosphoric acid derivative.

DO NOT mix this product with 2-penten-ol.

DO NOT use this product to promote growth of plants.

APPLICATION

REWARD[®] as a crop management tool is best applied as split-application "Multiple Low Rates" (M.L.R.) rather than a single application. First spray should be applied early (early squaring) and repeated as suggested in the Directions for Use table.

CROP	PURPOSE	APPLICATION RATE	CRITICAL COMMENTS
Cotton	To regulate fruiting and vegetative growth	250 to 600 mL/ha 250 to 1 L/ha 250 to 1 L/ha	Split Application/M.L.R. Apply at timings suggested below. Use crop growth measurements such as internode length as a guide for rate selection. Use the lower rate where internode length is shorter or when there is a possibility of stress occurring. Check varietal responses to mepiquat chloride with seed producers. DO NOT apply more than 600 mL in a single application prior to 1st flower. First spray at early squaring – squares the size of matchheads. Use the lower rate unless growth is excessive according to plant measurements. Second spray at approximately first flower. Use the higher rate where growth is excessive according to measurements and there is little chance to crop stress eg. moisture stress or water logging. Third spray at approximately 14 days (2 weeks) later. Apply only if crop growth measurements eg. internode length indicate excessive growth is likely.
	Control of excess growth	750 mL to 2 L/ha	SINGLE APPLICATION Apply between 1st flower and cut out to slow excessive growth or induce cutout. Use the higher rate where crop growth is excessive according to plant growth measurements such as internode length, or when cutout is the aim of the application. Use the lower rate to limit vegetative growth only. DO NOT apply to plants less than 50 cm high.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THE LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

**WITHHOLDING PERIODS: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.
DO NOT GRAZE OR CUT FOR STOCK FOOD ANY TREATED VEGETATION.**

GENERAL INSTRUCTIONS

MODE OF ACTION

REWARD[®] is a plant growth regulator which modifies the cotton plant through regulating its growth and behaviour. It is applied to the plant foliage and may produce one or more of the following effects: a reduction of internodal length, darker foliage colour, a more open canopy, greater boll retention and earlier maturity. The yield potential of the cotton plant may be favourably influenced by some of these effects.

MIXING

REWARD[®] mixes readily with water. Add the required water volume while agitating.

APPLICATION METHOD

REWARD[®] must be applied through a boom spray fitted with hydraulic nozzles. Total spray volume for aerial application must be at least 20 - 30 L/ha and 800 to 100 L/ha for application by ground rig.

LODGING

Cotton treated with REWARD[®] that has tightly set bolls packaged against the main stem may be more susceptible to lodging in strong winds.

COMPATIBILITY

REWARD[®] may be tank mixed with the EC formulations of the following insecticides: permethrin, deltamethrin, fenvalerate, methomyl. Make certain that there is no conflict in application techniques between REWARD[®] and the insecticide when the products are applied together. DO NOT apply in tank-mixes with foliar fertilisers.

RE-ENTRY PERIOD

DO NOT allow entry into treated areas until the spray deposits have dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and elbow-length PVC gloves. Clothing must be laundered after each day's use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby susceptible plants, crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with chemical or used containers.

STORAGE AND DISPOSAL (5 L, 20 L, 200 L)

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site.

If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

For refillable containers, empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

1000 L

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured. If this occurs Adama Australia should be advised immediately. This minibulk container is reusable and remains the property of Adama Australia. DO NOT rinse empty container. Empty contents fully into application equipment. Close all valves and return to the point of supply for refill or storage. No other liquid, solid or pesticide product should be put into it. When empty return to Adama Australia for cleaning, relabelling and refilling.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. Wash hands after use.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

SDS

Additional information is listed in the safety data sheet (SDS). A safety data sheet for REWARD[®] is available from adama.com or call Customer Service on 1800 423 262.

CONDITIONS OF SALE: The use of REWARD[®] Cotton Growth Regulant being beyond the control of the manufacturer, no warranty expressed or implied is given by Adama Australia regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Adama Australia accepts no responsibility for any consequence whatsoever from the use of this product.

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